

REMARKS

Applicant respectfully requests reconsideration of the present application.

Office Action Rejections Summary

Claims 1-20 under 35 U.S.C. § 102(b) have been rejected as being anticipated by Cideciyan (US 5,177,482).

Status of Claims

Claims 1-20 were pending. Claims 5 and 17 have been canceled without prejudice. Claims 1, 8, and 14 have been amended without introducing any new matter. No claims have been added.

Claim Rejections

The Examiner has rejected claims 1-20 under 35 U.S.C. § 102(b) as being anticipated by Cideciyan (US 5,177,482). Applicant respectfully traverses the rejection.

Claim 1 as amended includes the limitation of "evaluating one or more source characters using a lookup table to determine whether each character will invert or maintain a current running disparity." (emphasis added)

In contrast, Cideciyan fails to disclose at least the above noted limitation. According to Cideciyan, a table look-up function is used as an encoder to convert data byte DB(N) plus its associated state bit S(N) into a code byte CB(N)

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Cypress Ref. No.: CD04010

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Examiner: Williams, Howard L.
Art Unit: 2819
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(Cideciyan, col. 7, ln. 30-33, 61-63). In other words, Cideciyan merely uses a lookup table to encode data and the data's associated state. Cideciyan does not disclose using a lookup table to determine whether each character will invert or maintain a current running disparity. Therefore, Cideciyan fails to anticipate claim 1 for at least this reason. Applicant respectfully requests withdrawal of the rejection.

Claim 8 as amended includes the limitation of "a decoder to determine a flip/hold bit using a lookup table based on whether a source character will invert or maintain a current running disparity." (emphasis added)

In contrast, Cideciyan fails to disclose at least the above noted limitation. According to Cideciyan, a table look-up function is used as an encoder to convert data byte DB(N) plus its associated state bit S(N) into a code byte CB(N) (Cideciyan, col. 7, ln. 30-33, 61-63). In other words, Cideciyan merely uses a lookup table to encode data and the data's associated state. Cideciyan does not disclose using a lookup table to determine a flip/hold bit. Therefore, Cideciyan fails to anticipate claim 8 for at least this reason. Applicant respectfully requests withdrawal of the rejection.

Claim 14 as amended includes the limitation of "the means for evaluating the one or more source characters comprises one or more lookup tables." (emphasis added)

In contrast, Cideciyan fails to disclose at least the above noted limitation. According to Cideciyan, a table look-up function is used as an encoder to convert data byte DB(N) plus its associated state bit S(N) into a code byte CB(N)

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(Cideciyan, col. 7, ln. 30-33, 61-63). In other words, Cideciyan merely uses a lookup table to encode data and the data's associated state. Cideciyan does not disclose any means for evaluating one or more source characters comprising one or more lookup tables. Therefore, Cideciyan fails to anticipate claim 14 for at least this reason.

Applicant respectfully requests withdrawal of the rejection.

Claims 2-4, 6-7, 9-13, 15-16, and 18-20 depend, directly or indirectly, from claims 1, 8, and 14, respectively. For at least the reasons discussed above with respect to claims 1, 8, and 14, respectively, claims 2-4, 6-7, 9-13, 15-16, and 18-20 are not anticipated by Cideciyan. Applicant respectfully requests the Examiner to withdraw the rejection.

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Conclusion


Applicant respectfully submits that the present application is in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call C. Teresa Wong at (408) 720-8300.

Pursuant to 37 C.F.R. 1.136(a)(3), Applicant hereby requests and authorizes the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

Respectfully submitted,

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